

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims**

Claim 1. (Currently Amended) A method for treating viral diseases a human infected with human immunodeficiency virus (HIV), comprising:

(a) inoculating *Lentinus edodes* fungus in a solid culture medium comprising 90 parts by weight of bagasse and 10 parts by weight of rice bran to yield proliferated mycelium;

(b) disentangling the solid culture medium containing the proliferated mycelium so that the amount of the bagasse of 12-in mesh is not more than 30% by weight and adding thereto 1 to 10 kg of water and 0.5 to 5 g of at least one enzyme selected from the group consisting of cellulase, protease and glucosidase based on 1 kg of the disentangled solid culture medium, while keeping the solid culture medium at 30 to 50°C, to give a bagasse-containing mixture;

(c) grinding and milling the bagasse-containing mixture so that the amount of the bagasse of 12-in mesh is not less than 70% by weight;

(d) heating the ground and milled bagasse-containing mixture to a temperature of 75 to 95°C to inactivate the enzyme;

(e) filtering the resultant mixture through a filter cloth of 50 to 120-in mesh to thereby obtain a purified, concentrated pharmaceutical *Lentinus edodes* mycelium extract; and

(f) administering orally at least one effective dose of said purified, concentrated extract to a said human afflicted with a viral disease, wherein said viral disease is human immunodeficiency virus, wherein said extract weakens HIV activity and inhibits HIV proliferation in said human.

Claim 2. (Original) The method according to claim 1 wherein the enzyme is cellulase.

Claims 3-5. (Canceled)